



US 20040266515A1

(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2004/0266515 A1**  
(43) **Pub. Date: Dec. 30, 2004**(54) **GAMING MACHINE WITH REEL STRIPS  
HAVING AN ORGANIC LIGHT EMITTING  
DIODE DISPLAY**(76) **Inventor: Michael Gauselmann, Espelkamp (DE)**

Correspondence Address:

**PATENT LAW GROUP LLP  
2635 NORTH FIRST STREET  
SUITE 223  
SAN JOSE, CA 95134 (US)**(21) **Appl. No.: 10/603,455**(22) **Filed: Jun. 24, 2003****Publication Classification**(51) **Int. Cl.<sup>7</sup> ..... A63F 9/24**(52) **U.S. Cl. .... 463/20**(57) **ABSTRACT**

An OLED display is used in a reel-type gaming machine. In one embodiment, only a section of a reel strip is replaced by an OLED display. The section may display one or more symbols. In another embodiment, OLED displays are curved to resemble reels, and the reels do not move. The LEDs on the OLED displays are energized (scrolled) in such a way as to simulate the movement of symbols on reels rotated by a motor. Programmable displays other than OLEDs may also be used. In one embodiment, conventional rotating reels, or any reel incorporating an OLED, are viewable behind a transparent display window. The display window is a transparent electronic display that can be controlled to display any opaque or translucent image in front of the reels. The display window may also be a touch screen. A touch screen that does not display may also be used as a display window, and areas of the touch screen are touched by the player to make selections such as to hold a reel or a symbol for the next spin. In another embodiment, the display glass in areas other than the transparent openings for viewing the reels may be a programmable display to enable the display glass to display any programmed images.

